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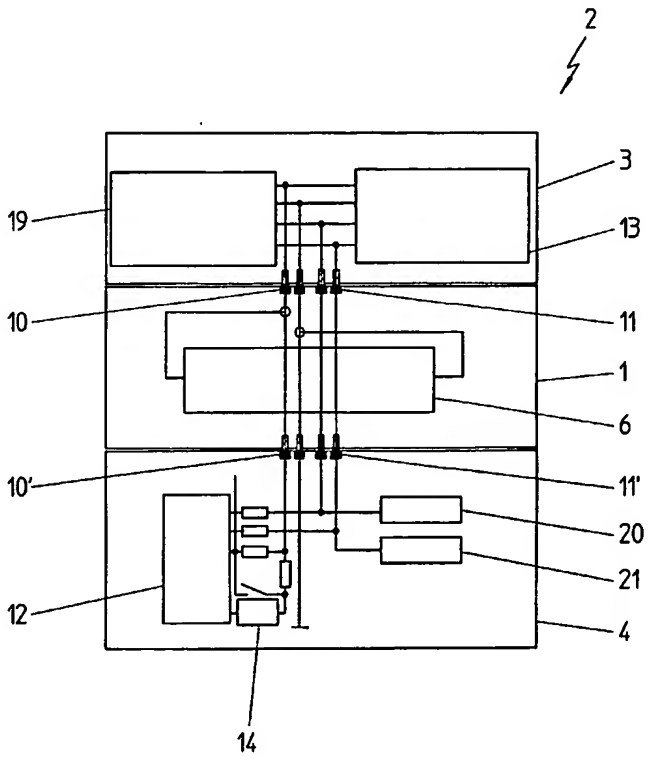
(54) Title: POWER SUPPLY DEVICE FOR LOW POWER SWITCHING SENSORS OF A MODULAR SYSTEM



(57) Abstract: The invention relates to a power supply device for energizing a modular measuring system. The measuring system comprises a modular display and adjustment unit and a modular low power sensor unit. Further, the power supply device is adapted to be disposed and connected electrically between the display and adjustment unit and the low power sensor unit, enabling for the modular display and adjustment unit and the low power sensor unit to be energized simultaneously, and enabling data communication between the display and adjustment unit and the low power sensor unit. Further, the invention is related to a modular system comprising a power supply device, a display and adjustment unit and a low power sensor unit. Finally, the invention relates to a sensor unit with internal energy store for energizing a display and adjustment unit connected thereto.

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